

HCl Prod Furnaces, PCDD/PCDF, June 28, 2002

Cond ID	Facility	Location	Cond Date	APCS	Condition Description	PCDD/PCDF Stack Gas (ng TEQ/dscm)			
						Cond Avg	Run 1	Run 2	Run 3
2017C3	Dow Chemical Company	Freeport, TX	2/1/98	WHB/Q/HCIABS/VE/CLWS	Risk burn, normal operating conditions	2.088	1.923	1.973	2.368
2018C2	Dow Chemical Company	Freeport, TX	4/1/98	WHB/VS/Q/HCLABS/VS/CLWS	Risk burn, normal operating conditions	0.531	0.575	0.564	0.455
2020C3	Dow Chemical Company	Freeport, TX	3/1/00	WHB/VS/WS	Risk burn, normal operating cond of liq feed and comb temp	0.117	0.084	0.137	0.131
2022C1	PPG Ind	Lake Charles, LA	5/1/01	WHB, WS (2 stage)	Trial burn, min comb temp	0.060	0.030	0.070	0.079
2022C2	PPG Ind	Lake Charles, LA	5/1/01	WHB, WS (2 stage)	Trial burn, increased PCB feed rate	0.063	0.089	0.044	0.057
2022C3	PPG Ind	Lake Charles, LA	5/1/01	WHB, WS (2 stage)	Normal comb temp	0.034	0.028	0.031	0.042
2022C4	PPG Ind	Lake Charles, LA	5/1/01	WHB, WS (2 stage)	Risk burn, normal op cond, PCB containing material	0.040	0.030	0.054	0.035
786C3	Dow Chemical Company	Freeport, TX	8/1/98	DQ/HCLABS/VS/CLWS	Risk burn; normal operating conditions	1.680	1.906	1.308	1.827
788C3	Dow Chemical Company	Freeport, TX	11/1/97	MGCLREC/VS/SEP/DM	Risk burn, max liq waste feed rate, normal comb temp	0.020	0.023	0.020	0.018
842C2	Dow Chemical Company	Freeport, TX	5/1/98	WHB/HCLABS/WS	Risk burn, normal operating conditions	1.684	1.456	1.797	1.798
844C2	Dow Chemical Company	Freeport, TX	7/1/98	WHB/HCLABS/WS	Risk burn, slightly above normal liq waste feed rate, normal comb temp	1.020	1.032	1.016	1.011
845C3	Dow Chemical Company	Freeport, TX	4/1/98	WHB/Q/HCLABS/VS/WS	Risk burn, above normal feed of liq waste, normal comb temp	0.509	0.531	0.490	0.506
848C3	Dow Chemical Company	Freeport, TX	6/1/98	WHB/HCIABS/CWS	Risk burn, above normal liq waste feed rate, normal comb temp	6.774	8.267	6.143	5.910
851C1	Dow Chemical Company	Pittsburg, CA	11/1/99	Q/HCIABS/WS	Trial burn, max comb chamber temp	0.064		0.071	0.056
851C2	Dow Chemical Company	Pittsburg, CA	10/1/99	Q/HCIABS/WS	Trial burn, min comb chamber temp	0.055	0.063	0.052	0.050
851C3	Dow Chemical Company	Pittsburg, CA	10/1/99	Q/HCIABS/WS	Risk burn, normal operating conditions	0.050	0.037	0.055	0.060
853C10	Dupont Dow Elastomers	LaPlace, LA	4/1/97	WQ/3STGHCIABS/S/CWS	Risk burn, normal operating cond	0.059	0.123	0.033	0.023
854C1	Eastman Chemical Company, Te	Longview, TX	6/1/98	QT/ABS/WS	Trial burn, worst case for organics destruction	0.147	0.202	0.132	0.107

Cond ID	CO	CO	HC	DRE		Sootblow	Sootblow	Waste	Comp Test	Worst Case	
	MHRA	RA	RA	max	min	Status	Avg	Heat	vs Normal	vs Normal	
	ppmv	ppmv	ppmv	%	%		Used	Boiler		Classification	Comments
2017C3	1	0				No	No	Yes	RB	NA	Cannot define worst case operating conditions for wet controls
2018C2	49	23				No	No	Yes	RB	NA	Cannot define worst case operating conditions for wet controls
2020C3	3					No	No	Yes	RB	NA	Cannot define worst case operating conditions for wet controls
2022C1	57	1				No	No	Yes	CT	NA	Cannot define worst case operating conditions for wet controls
2022C2	4	1				No	No	Yes	CT	NA	Cannot define worst case operating conditions for wet controls
2022C3	4	1				No	No	Yes	N	NA	Cannot define worst case operating conditions for wet controls
2022C4	3	1				No	No	Yes	RB	NA	Cannot define worst case operating conditions for wet controls
786C3	21	7							RB	NA	Cannot define worst case operating conditions for wet controls
788C3	34	9							RB	NA	Cannot define worst case operating conditions for wet controls
842C2	3	3				No	No	Yes	RB	NA	Cannot define worst case operating conditions for wet controls
844C2	17					No	No	Yes	RB	NA	Cannot define worst case operating conditions for wet controls
845C3	9	7				No	No	Yes	RB	NA	Cannot define worst case operating conditions for wet controls
848C3	16	14				No	No	Yes	RB	NA	Cannot define worst case operating conditions for wet controls
851C1	29		0.4	99.999	99.999				CT	NA	Cannot define worst case operating conditions for wet controls
851C2	9		0.1	99.999	99.999				CT	NA	Cannot define worst case operating conditions for wet controls
851C3	16		0.1						RB	NA	Cannot define worst case operating conditions for wet controls
853C10									RB	NA	Cannot define worst case operating conditions for wet controls
854C1	13			100	99.9999				CT	NA	Cannot define worst case operating conditions for wet controls